## **ENTOMOLOGY**

## Editor – Don Wright Jr., BU 243

ANTIGU		2003, December 8 (Additional data).		
4x\$2	2.50. Mai	gin: UL: Ornithoptera priamus L., NEW GUINEA B'WING		Papilioninae
		ML: Mylothris crocea Butler,	PIE	Pierinae
AUSTRA		2003, September 24 (s/t of 6) (New data).		
2187 & 2		3 Papilio ulysses joesa Butler, JOESA BUTTERFLY	PAP	Papilioninae
2188 & 2	2197 50c	Petasida ephippigera White,		1 . 1
		LEICHARDT'S GRASSHOPPER		Pyrgomorphidae
2100.0.0	2106.50	& STICK INSECT,		Cladomorphinae
2189 & 2	2196 50c	Rodolia cardinalis Mulsant, VEDALIA BEETLE	COC	Coccidulinae
2100.0.0	1105 50	& WEEVIL		Curculionidae
2190 & 2	2195 50c	Orthodera ministralis Fabr.,	NAANT	г : 1:1:
		GREEN or GARDEN MANTID	MAN	Eremiaphilinae
2101 6-7	2104 50-	& DAMSELFLY & CICADA		
2191 & 2	2194 50C	Opodiphthera eucalypti Scott,	CATI	Saturniinae
2102 %	2102 500	EMPEROR GUM MOTH larva	SATU	Saturninae
2192 & 2	2193 300	Eupoecila australasiae Donovan, FIDDLER BEETLE & MOTH	SCA	Cetoniinae
2192b	6x50c	2187-92 in s/t sht of 6.	SCA	Cetominae
21920	UXJUC	Margin: Ornithoptera priamus euphorion Gray,	PAP	Papilioninae
		CAIRNS BIRDWING; ANTS, Formicidae; LACEWING,		-
		CRANEFLY, Tipulidae; MOSQUITO, Culicidae	CIII y SO	pidac,
	6x50c	2192b optd for Bangkok 2003 Exhibition.		
	OASOC	2004, May 4.		
	5c	Cethosia cydippe L., RED LACEWING	NYM	Nymphalinae
	10c	Hypolimnas alimena L., BLUE-BANDED EGGFLY		Nymphalinae
	75c	Vindula arsinoe Cramer, CRUISER		Nymphalinae
	\$ 2	Waterfall, Cethosia cydippe L., RED LACEWING &		Nymphalinae
		Papilio ulysses joesa Butler, JOESA BUTTERFLY	PAP	Papilioninae
<b>BENIN</b>		2003 (Bears) (Benin states these are illegal).		1
5x10	00fr & 5x	250fr Apis mellifera L., WESTERN HONEYBEE	API	Apinae
		GOVINA 2004, May 15 (Fauna/Bees).		•
	2m x 2	Apis mellifera L., WESTERN HONEYBEE	API	Apinae
BULGAF	RIA	2004, January 15.		
	40st	Noctua tertia Mentzer, Moberg & Fibiger,	NOC	Noctuinae
	45st	Rethera komarovi Christoph,	SPH	Macroglossinae
	55st	Syntomis kruegeri marjana Stauder,	ARC	Ctenuchinae
	80st	Arctia caja L., GARDEN TIGER MOTH	ARC	Arctiinae
CENTRAL AFRICA 2002 on stamp.				
	3000fr	Scout playing table tennis.		
		UR: Amauris ansorgei E. Sharpe, ANSORGE'S DANAID	DAN	Danainae
	mid-R:	Dactyloceras lucina Drury,	BRA	Dactylocerinae

CENTRAL AFRICA (contd.)						
LR: Mimacraea marshalli Trimen,						
	MARSHALL'S FALSE MONARCH	LYC	Lipteninae			
	mid-L: Junonia orithya L., BLUE PANSY	NYM	Nymphalinae			
CHAD	LL: <i>Papilio zalmoxis</i> Hewitson, GIANT BLUE SWALLOWTAIL 2002.	PAP	Papilioninae			
	3000fr Mushroom <i>Hygrocybe punicea</i>					
	UL margin: Kallima rumia D. & W., AFRICAN LEAF (^)	NYM	Nymphalinae			
	U-ML ": Hemiolaus caeculus Hopffer, AZURE HAIRSTREAK	LYC	Theclinae			
	L-ML ": Psalis africana Kiriakoff, PENNANT TUSSOCK MOT	Ή	Lymantriidae			
	LL margin: Spodoptera exigua Hubner, BEET ARMYWORM MOT	'H NOC	Amphipyrinae			
CHINA (	(TAIWAN) 2004, April 21.					
	\$5 Danaus sita niphonica Moore,	DAN	Danainae			
	\$5 Choaspes benjaminii formosana Fruhstorfer,	HES	Coeliadinae			
	\$17 Junonia almana L., PEACOCK PANSY		J 1			
~~~~	\$20 Artipe eryx horiella Matsumura, GREEN FLASH	LYC	Theclinae			
CONGO	REPUBLIC 2002 (New data).		~1 ·			
	445fr Charaxes imperialis Butler,	APA	Charaxinae			
	445fr Cymothoe oemilius Doumet,		Limenitidinae			
	445fr Charaxes nobilis Druce, NOBLE CHARAXES	APA	Charaxinae			
	3x445fr Above 3 in s/t.	ADC	C41-:			
	Margin: UL: Euchromia lethe Fabr., BASKER MOTH	ARC	Ctenuchinae			
	LL: Xanthopan morgani Walker, MORGAN'S SPHINX	SPH	Sphinginae			
	UR: Charaxes candiope Godart, GREEN-VEINED CHARAXES	APA	Charaxinae			
CONCO	LR: Cymothoe hyarbita Hewitson, (^)	IN Y IVI	Limenitidinae			
	<b>DEMOCRATIC REPUBLIC</b> 1997 (Winnie the Pooh). 25,000nz. Pooh with honeypot and bees, <i>Apis mellifera</i> L.,	API	Apinae			
	<b>REPUBLIC</b> 2004, May 5 (EUROPA/Holidays).	All	Apmac			
	9k Family camping, dog, BUTTERFLY, fish pole, tent, from illustra	ıtion	Lepidoptera			
	by M. Jagr in children's book "Spectacular Views"					
DOMINI						
	50c Eueides aliphera Godart, SMALL FLAMBEAU		Heliconiidae			
	90c Dismorphia amphione Cramer, TIGER PIERID	PIE	Dismorphiinae			
	\$ 1 Anartia jatrophae Johansson, WHITE PEACOCK	NYM	Nymphalinae			
	\$ 2 Mesene phareus Cramer, CRAMER'S MESENE		Riodinidae			
a	\$ 2 Callicore maimuna Hewitson, FIGURE OF EIGHT	NYM	Eurytelinae			
b	\$ 2 Theope eudocia Westwood, ORANGE THEOPE		Riodinidae			
c	\$ 2 Anteos clorinde Godart, CLORINDE	PIE	Coliadinae			
d	\$ 2 Catonephele numilia Cramer, GRECIAN SHOEMAKER		Eurytelinae			
e	\$ 2 Phoebis philea L., ORANGE-BARRED SULFUR	PIE	Coliadinae			
f	\$ 2 Morpho peleides Kollar, COMMON MORPHO	DAD	Morphidae			
s/s	\$ 5 Papilio cresphontes Cramer, GIANT SWALLOWTAIL	PAP	Papilioninae			
FIJI	2004, February 27.	CED	Drianinas			
, , ,			Prioninae			
FRANCI 75c	, I		Coccinellidae			
130	"Coccinelle", watercolor by Sonia Delaunay		Coccinemaae			

GHANA		2002, April 2 (#1939B surcharged).				
2360A	2500ce	on 800ce Cyrestis camillus Fabr., AFRICAN MAP B'FLY	NYM	Cyrestinae		
<b>GREAT</b>		N 2004, April 6.		3		
	57p	"Coccinelle", watercolor by Sonia Delaunay		Coccinellidae		
GRENADA 2004, January 29 (Arthur Aardvark & Friends).						
a	\$1.50	Muffy giving BUTTERFLY speech, rabbit		Lepidoptera		
b	\$1.50	Francine giving BUTTERFLY presentation		Lepidoptera		
e	\$1.50	Sue Ellen with INSECTS in jars				
GRENA	DA-GRE	NADINES 2004, January 29 (Arthur Aardvark & Friends).				
a	\$ 2	School projects, Francine, BUTTERFLY		Lepidoptera		
GUINEA	-BISSAU	J 2003 (Boy Scout Jamboree, Thailand).				
a	350fr	Speyeria cybele Fabr., GREAT SPANGLED FRIT'Y	NYM	Argynninae		
b	350fr	Limenitis arthemis astyanax Fabr.,				
		RED-SPOTTED PURPLE	NYM	Limenitidinae		
c	350fr	Speyeria (?cybele Fabr.), GREAT SPANGLED FRIT'Y		Argynninae		
d	350fr	Hypolimnas misippus L., MIMIC female	NYM	Nymphalinae		
		2003 (Mushrooms & Butterflies).				
a	450fr	<i>Iphiclides podalirius</i> L., KITE or SCARCE S'TAIL	PAP	Papilioninae		
b	450fr	Parthenos sylvia Cramer, CLIPPER		Limenitidinae		
c	450fr	Troides helena L., COMMON BIRDWING	PAP	Papilioninae		
d	450fr	Inachis io L., PEACOCK		Nymphalinae		
	3000fr	Inachis io L., PEACOCK		Nymphalinae		
	Margin	Danaus plexippus L., MONARCH	DAN	Danainae		
IRAN		2002, February 22.				
	1000r	Nymphalis io L., PEACOCK Label: Inachis	NYM	Nymphalinae		
	250	2003-04.	A D.C.	<b>.</b>		
	250r	Utetheisa pulchella L., CRIMSON-SPECKLED MOTH	ARC	Arctiinae		
WODY	2000r	Papilio demoleus L., LEMON or LIME BUTTERFLY	PAP	Papilioninae		
<b>IVORY</b> (		2003 (Orchids & Butterflies, false colors).	DIL	D		
a	300fr	Anthocharis cardamines L., ORANGE TIP	PIE	Pierinae		
b	300fr	Gonepteryx rhamni L., BRIMSTONE	PIE	Coliadinae		
C	300fr	Morpho hecuba L., BROWN MORPHO	DAN	Morphidae		
d	300fr	Danaus plexippus L., MONARCH	DAN	Danainae		
e f	300fr 300fr	Heliconius doris L., DORIS	NWM	Heliconiidae		
	300fr	Mesoacidalia aglaja L., DARK GREEN FRITILLARY Morpho deidamia Hubner	1N 1 1VI	Argynninae Morphidae		
g h	300fr	Chrysiridia riphearia Hubner,		Morphidae		
11	30011	MADAGASCAN SUNSET MOTH	URA	Uraniinae		
		2003.	UKA	Oraninac		
a	300fr	Parnassius apollo L., APOLLO	PAP	Parnassiinae		
b	300fr	Papilio machaon L., OLD WORLD SWALLOWTAIL	PAP	Papilioninae		
c	300fr	Abraxas grossulariata L., MAGPIE MOTH	GEO	Ennominae		
d	300fr	Noctua fimbria L.,	020			
<b>4</b>	23011	BROAD-BORDERED YELLOW UNDERWING	NOC	Noctuinae		
e	300fr	Geometra papilionaria L., LARGE EMERALD	GEO	Geometrinae		
f	300fr	MOTH	GEO	Ennominae		
			_			

JAPAN		2004, February 6 (Hello Kitty).		
2883i	50y	Kitty with stylized BUTTERFLIES		Lepidoptera
KYRGYZSTAN		2004.		
	3.60s	Strophus stridulus L., RATTLE GRASSHOPPER		Acrididae
	3.60s	Decticus verrucivorus L., WART-BITER BUSH CRICKE		
	10s	Tibicen plebejus Scopoli,		Tibicininae
	10s	Coccinella septempunctata L., 7-SPOTTED LADYBIRD		Coccinellinae
	15s	Anax formosa Lindemans,	AES	Aeshinae
	15s	Mantis religiosa L., EUROPEAN MANTIS	MAN	Mantinae
	25s	Macroglossum stellatarum L.,		
		HUMMINGBIRD HAWKMOTH		Macroglossinae
	25s	Bombus terrestris L., BUFF-TAILED BUMBLEBEE	API	Bombinae
MADAG	GASCAR	2003.		
a	2500fr	Chalcosoma caucasus Fabr., ATLAS BEETLE	SCA	Dynastinae
b	2500fr	BEETLE		Cerambycidae
c	2500fr	Cetonia aurata L., ROSE CHAFER	SCA	Cetoniinae
d	2500fr	TRUE BUG,		Hemiptera
e	2500fr	TRUE BUG, mating pair		Hemiptera
f	2500fr	BEETLE		Coleoptera
g	2500fr	BEETLE		Coleoptera
h	2500fr	BEETLE		Cerambycidae
i	2500fr	BEETLE		Coleoptera
MALAWI 2003, November 10 (New data from Alan Hanks).				
6x5	0kw Top	margin: Lamproptera meges Zincken-Sommer, GREEN DRAGONTAIL	PAP	Papilioninae
MALDIVE ISLANDS 2003.				
2750	25r	Libythea geoffroyi Godart, BEAK BUTTERFLY		Libytheidae
2750	231	2 more in margin		Libytherade
		2003, December 22 (Flowers).		
	25r	Morning glory flower. Margin: BUTTERFLY		Lepidoptera
MAYOT		2004, April 3.		Lepidopteia
a	50c	Precis rhadama Boisduval,	NYM	Nymphalinae
b	50c	Papilio demodocus Esper, CHRISTMAS	11111	Tymphamae
Ü	300	or CITRUS BUTTERFLY	PAP	Papilioninae
c	50c	Acraea ranavalona Boisduval,	1211	Acraeidae
d	50c	Danaus chrysippus L., PLAIN TIGER	DAN	Danainae
MONAC		2004, May 28 (Crown of Napoleon)	D <sub>1</sub> II (	Бининис
1/101/110	75c	Apis mellifera L., W. HONEYBEE with eagle	API	Apinae
NAMIBI		2004, February 2 (All are AFRICAN HONEYBEES)	7111	ripinae
1029 standard mail (\$1.60) <i>Apis mellifera scutellata</i> Lepeletier,		API	Apinae	
1030 \$2.70 Same				
1031 postcard (\$3.05) Same				
1032		\$3.15 Same		
	land reg. (			
1034		\$4.85 Same		
100.		- · · · · · · · · · · · · · · · · · · ·		

NEVIS		2003, October 24 (Correction by Alan Hanks).			
1360	4x\$2 In	margin: 3 Aethiopana honorius Fabr. (Epitola of some)	LYC	Lipteninae	
<b>NICARA</b>	GUA	2003, November 19.		-	
a	6.50cor	Fulgora lanternaria L., LANTERNFLY, PEANUT BUG	FUL	Fulgorinae	
b	6.50cor	Acraephia perspicillata Fabr.,	FUL	Poiocerinae	
c	6.50cor	Copidocephala guttata White,	FUL		
d	6.50cor	Pterodictya reticularis Olivier,	FUL	Poiocerinae	
e	6.50cor	Phrictus quinquepartitus Distant,	FUL	Fulgorinae	
f	6.50cor	Odontoptera carrenoi Signoret,	FUL	Fulgorinae	
a	8cor	Golofa pizarro Hope,	SCA	Dynastinae	
b	8cor	Phanaeus pyrois Bates,	SCA	Scarabaeinae	
c	8cor	Plusiotis aurigans Rothschild & Jordan,	SCA	Rutelinae	
d	8cor	Polyphylla concurrens,	SCA	Melolonthinae	
e	8cor	Dynastes hercules septentrionalis,	SCA	Dynastinae	
f	8cor	Phanaeus demon excelsus Bates,	SCA	Scarabaeinae	
PERU		2003, December 1.			
1361a	2 s	BUTTERFLY & birds Rupicola peruviana		Lepidoptera	
POLAND	)	2004, March 31.		1 1	
d	1.25zl	Dytiscus marginalis L., GREAT DIVING BEETLE	DYT	Dytiscinae	
ST. VINC	ENT-GR	ENADINES (CANOUAN) 2003, December 1.			
10	90c	Eumaeus atala Poey, THE ATALA	LYC	Theclinae	
11	\$ 1	Caligo uranus Herrich-Schaeffer,		Brassolidae	
12	\$1.40	Cepheuptychia sp.	SATY	Satyrinae	
13	\$ 2	Phoebis statira Cramer,		•	
		YELLOW MIGRANT (Aphrissa of some)	PIE	Coliadinae	
14	\$ 5	Phoebis sennae L., CLOUDLESS SULFUR	PIE	Coliadinae	
ST. VINC	ENT-GR	ENADINES (PALM ISLAND) 2003, December 1.			
a	\$ 2	Phoebis philea L., ORANGE-BARRED SULFUR	PIE	Coliadinae	
b	\$ 2	Cepheuptychia cephus Fabr., BLUE NIGHT	SATY	Satyrinae	
c	\$ 2	Catonephele numilia Cramer, GRECIAN SHOEMAKER		Eurytelinae	
d	\$ 2	Mesene phareus Cramer, CRAMER'S MESENE		Riodinidae	
	\$ 5	Eueides aliphera Godart, SMALL FLAMBEAU		Heliconiidae	
EL SALV	ADOR	2003, October 23 (Flowers & Insects).			
1587a	1.50col/1	7c Bombus transversalis Olivier,			
		AMAZONIAN BUMBLEBEE	API	Bombinae	
1587b	1.50col/1	7c Chrysina quetzalcoatli Moron,	SCA	Rutelinae	
1587c		7c Anartia fatima Fabr., BANDED PEACOCK	NYM	Nymphalinae	
1587d		7c Manduca sp.,	SPH	Sphinginae	
1587e		7c Manduca sexta L., TOBACCO HORNWORM	SPH	Sphinginae	
1588	4col/46c	Anartia fatima Fabr., BANDED PEACOCK	NYM	Nymphalinae	
		ENEGRO-SERBIA 2004, January 30 (Protected Animals).		J 1	
229a	12d/20c	Parnassius apollo L., APOLLO	PAP	Papilioninae	
229b	16d/25c	Rosalia alpina L., ALPINE LONGHORN	CER	Cerambycinae	
		Aeshna viridis Eversmann, GREEN DARNER	AES	Aeshninae	
		Saga pedo Pallas, MATRIARCHAL KATYDID	TET	Saginae	
		strip of 4 with label showing DRAGONFLY & LONGHOR			

SERBIA & MONTENEGRO-SERBIA (contd.) 2004, February 16.  232c 26.20d/40c Heodes virgaureae L., SCARCE COPPER  232d 28.70d/50c Lysandra bellargus Rottemburg, ADONIS BLUE  SIERRA LEONE 2004, January 29 (British Council 60 <sup>th</sup> Anniversary).  2667-70; 500, 1000, 2000, 3000Le Bird with INSECT in beak						
SLOVAK		2004, April 23 (Europa/Vacations).		T: 14		
SOMALI	20k	BUTTERFLY & bird		Lepidoptera		
		2003 (Labels). 00, 3600sh Very stylized DRAGONFLIES		Odonata		
SURINA		2004, January 12.		Odonata		
1310a	150fl	Anartia amathea L., RED ANARTIA	NYM	Nymphalinae		
1310a 1310b	150fl	Siproeta stelenes L., THE MALACHITE (says V. carye)	NYM	Nymphalinae		
1310c	200fl	Papilio demetrius Cramer,	PAP	Papilioninae		
1310d	200fl	Precis octavia Cramer, GAUDY COMMODORE	NYM	_		
1310d 1310e	800fl	Papilio blumei Boisduval,	PAP	Papilioninae		
1310c 1310f	800fl	Papilio aristodemus ponceanus Schaus,	1 AI	1 apinonnac		
13101	00011	SCHAUS' SWALLOWTAIL	PAP	Papilioninae		
1310g	1200fl	Zerynthia rumina L., SPANISH FESTOON	PAP	Parnassiinae		
1310g 1310h	1200fl	Parides gundlachianus Felder,	1 AI	1 amassimac		
131011	120011	GUNDLACH'S SWALLOWTAIL	PAP	Papilioninae		
1310i	1700fl	Ornithoptera priamus L., NEW GUINEA BIRDWING	PAP	Papilioninae		
1310i 1310j	1700fl 1700fl	Lyropteryx apollonia Westwood,	1 AI	Riodinidae		
1310j 1310k			APA	Charaxinae		
		) Agrias narcissus Staudinger,	ArA			
1310L		) Elzunia bonplandii Guerin,		Ithomiidae		
SWIIZE		2004, May 6 (Diddl & Friends).		T: 14		
TUDIZO	85c	Diddl with BUTTERFLIES, teddy bear & Pimpoli		Lepidoptera		
TUKKS		S ISLANDS 2003, November 17 (Correction).	NIXZNA	N11:		
	\$ 2	Historis acheronta Fabr., DASH-WING	IN Y IVI	Nymphalinae		
THZD A IN		Label: Papilio pelaus				
UKRAIN		2004.	A D A	A matarina a a		
a 1-	2.60k	Apatura ilia D. & S., LESSER PURPLE EMPEROR	APA	Apaturinae		
b	3.50k	Papilio machaon L., OLD WORLD SWALLOWTAIL	PAP	Papilioninae		
C	45k	Endromis versicolor L., KENTISH GLORY (new on stamp	,	Endromidae		
d	75k	Smerinthus ocellata L., EYED HAWKMOTH	SPH	Sphinginae Cota salina a		
e	80k	Catocala fraxini L., BLUE UNDERWING		Catocalinae		
		L: Deilephila nerii L., OLEANDER HAWKMOTH	SPH N	facroglossinae		
	-	Libythea celtis Laicharting, SNOUT BUTTERFLY	LVCT	Libytheidae		
		ebejus argus L., SILVER-STUDDED BLUE		Polyommatinae		
		menitis populi L., POPLAR ADMIRAL		Limenitidinae		
		rnassius apollo L., APOLLO	PAP	Parnassiinae		
L-I		mphalis urticae L., SMALL TORTOISESHELL		Nymphalinae		
$\mathcal{L}$			ARC	Arctiinae		
				Nymphalinae		
WATTE	LL: Saturnia pavonia L., EMPEROR MOTH  SATU Saturninae  WALLIS & FUTUNA 2004 February 18 (Fight Against Dangue)					
		NA 2004, February 18 (Fight Against Dengue)		Culinin		
5, 10, 20, 30fr Very stylized Aedes aegypti L., YELLOW FEVER MOSQUITO CUL Culicinae						

It is time for my annual report on insect new issues. Again in 2003 we had a drop in the number of new insect issues with a 25% drop following a 38% drop last year. I measure the number of new issues by the height of the stack of 3x5 index cards, one per stamp, that I accumulate each year. (20mm = about 100 cards). Local and known illegal issues are not included. Does anyone else have comparable data for other biological subjects? Is this a general trend or is it just true for insect new issues?

1996	$80$ mm = $\sim 400$ stamps	2000	$165$ mm = $\sim 825$ stamps
1997	$119$ mm = $\sim 595$ stamps	2001	$191$ mm = $\sim 955$ stamps
1998	$125$ mm = $\sim 625$ stamps	2002	$122$ mm = $\sim 610$ stamps
1999	$133$ mm = $\sim 665$ stamps	2003	$91$ mm = $\sim 455$ stamps

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## Thailand's 2004 TB Labels - by Fran Hammond

The Anti-Tuberculosis Association of Thailand has issued a set of ten labels showing butterflies of Southeast Asia. The labels are valued at 5 baht each and are identified as follows:

Bhutanitis lidderdalei Atkinson, BHUTAN GLORY	PAP	Parnassiinae
Graphium agamemnon agamemnon L., TAILED JAY	PAP	Papilioninae
Cethosia biblis perakana Fruhstorfer, PERAKAN RED LACEWING	NYM	Nymphalinae
Polyura delphis delphis Doubleday, JEWELED NAWAB	APA	Charaxinae
Stichophthalma louisa siamensis Rothschild		Amathusiidae
Papilio memnon agenor L., GREAT MORMON	PAP	Papilioninae
Papilio demoleus malayanus Wallace, MALAYAN LIME BUTTERFLY	PAP	Papilioninae
Troides aeacus thomsonii Bates, THOMSON'S GOLDEN BIRDWING	PAP	Papilioninae
Junonia almana almana L., PEACOCK PANSY	NYM	Nymphalinae
Danaus melanippus hegesippus Cramer, BLACK-VEINED TIGER	DAN	Danainae